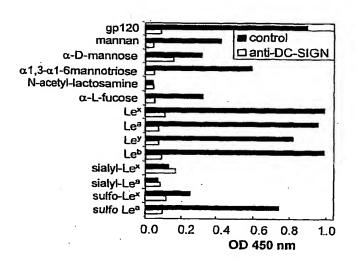
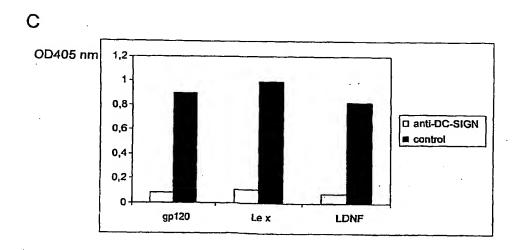
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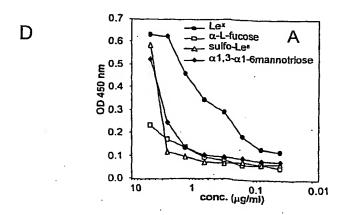
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Fig. 1

В

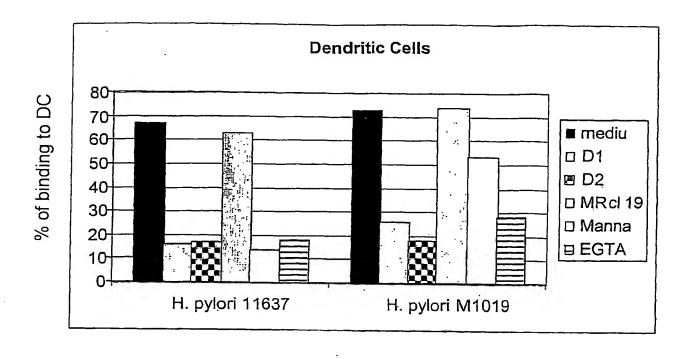






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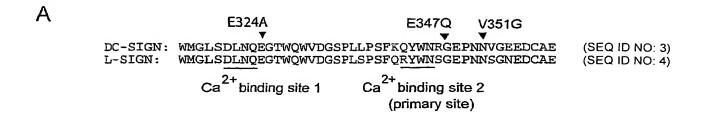
Fig. 4

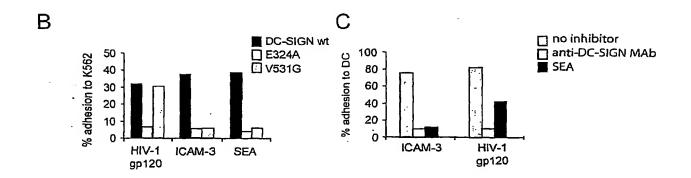


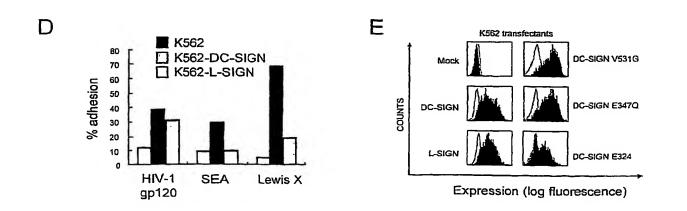
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Fig. 19







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Fig. 44

## LPS phase variation in *H. pylori* occurs in vivo.

а	Strain	Number of colonies (%)	Serotype					
		-	Le <sup>y</sup>	mono-Le <sup>x</sup>	(Le <sup>x</sup> ) <sub>n</sub>	i-antigen	H type 1	
	J223.3	6/30 (20)	+++	-	++	++	+++	
	J223.8	24/30 (80)	-	-		+++	+++	

b	Strain	Length of C-tract in gene			Serotype			
		futA	futB	Ley	mono-Lex	(Lex) <sub>n</sub>	i-antigen	H type 1
	J223.3	n=9 ("off")	n=10 ("on")	+++	•	++	++	+++
	J223.8	n=9 ("off")	n=9 ("off")	~	-	-	+++	+++
	J223.3 ∆ <i>futB</i>	N.D.	N.D	-	-	-	+++	+++

С	J22	3.3 futA
	1	ATGTTCCAAC CCCTATTAGA CGCCTTCATA
	1	GAAAGCGCTT CCATTGAAAA AATGGCCTCT
	61	AAATCTCCCC CCCCCTAA (STOP)
	{	(SEQ ID NO: 5)
	J223	3.8
	1	ATGTTCCAAC CCCTATTAGA CGCCTTCATA
	1	GAAAGCGCTT CCATTGAAAA AATGGCCTCT
	61	AAATCTCCCC CCCCTAA (STOP)
		(050 ID NO. 5)

J22	<b>3.</b> 3	futB
1	ATGTTCCAAC	CCCTATTAGA CGCCTTCATA
	GAAAGCGCTT	CCATTGAAAA AATGGCCTCT
61	AAATCTCCCC	CCCCCTAAA AATC etc.
J22:	3.8	(SEQ ID NO: 5)
1	ATGTTCCAAC	CCCTATTAGA CGCCTTCATA
	GAAAGCGCTT	CCATTGAAAA AATGGCCTCT
61	AAATCT <u>CCCC</u>	CCCCCTAA (STOP)
		(SEQ ID NO: 6)

(SEQ ID NO: 5)